504164170 01/05/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHUMING XU	01/04/2017

RECEIVING PARTY DATA

Name:	COOLSTAR TECHNOLOGY, INC.	
Street Address:	440 N WOLFE ROAD	
City:	SUNNYVALE	
State/Country:	CALIFORNIA	
Postal Code:	94085	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15398774

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	INV-28 (170-16)
NAME OF SUBMITTER:	WAYNE L. ELLENBOGEN
SIGNATURE:	/wayne I. ellenbogen/
DATE SIGNED:	01/05/2017

Total Attachments: 1

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PATENT 504164170 REEL: 040854 FRAME: 0029

ASSIGNMENT AND AGREEMENT

For value received, I/we, Shuming Xu of Sunnyvale, California, hereby sell, assign and transfer to CoolStar Technology, Inc., a United States company having a place of business at 440 N Wolfe Road, Sunnyvale, California 94085, U.S.A., and its successors, assigns and legal representatives (collectively "Assignee"), the entire right, title and interest, for the United States of America, in and to any and all inventions and improvements ("Inventions") related to LOSSLESS SWITCH FOR RADIO FREQUENCY FRONT-END MODULE, as described in an application for Letters Patent of the United States, bearing attorney docket No. INV-28 (170-16), filed on <u>January 5, 2017</u> as U.S. application number <u>15/398,774</u> or if not identified here by filing date and serial number, executed on even date herewith, and all the rights and privileges in said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries for the Inventions, and all the rights and privileges under any and all Letters Patent that may be granted therefore including any reissues and extensions thereof; and I/we also concurrently hereby sell, assign and transfer to Assignee the entire right, title and interest in and to said Inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said Inventions.

I/We agree that, when requested, I/we shall, without charge to Assignee but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for the Inventions in any and all countries and for vesting title thereto in Assignee.

I/We authorize and empower Assignee to make application for patent or other form of protection for the Inventions in Assignee's own name in any and all countries, and to invoke and claim for any application for patent or other form of protection for the Inventions filed by Assignee the benefit of all rights of priority provided by any and all treaties, conventions or agreements without further written or oral authorization.

I/We hereby consent that a copy of this Assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country for any purpose, including proof of the right of Assignee to apply for patent or other form of protection for the Inventions and to claim the aforesaid benefit of the right of priority.

I/We request that any and all patents for said Inventions be issued to Assignee in the United States and in all countries foreign to the United States, or to such nominees as Assignee may designate.

I/We authorize attorneys for Assignee to insert the filing date and serial number into this Assignment after the application for Letters Patent has been filed and a serial number has been assigned to such application.

IN WITNESS WHEREOF, I/we have hereunto signed my/our name(s) on the day and year set forth below.

INVENTOR

RECORDED: 01/05/2017

PATENT

REEL: 040854 FRAME: 0030